

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number
WO 2004/112776 A2

- (51) International Patent Classification⁷: **A61K 31/202**, 31/07, 31/122, 31/015, 31/01
- (74) Agent: **HARRISON GODDARD FOOTE**; 31 St. Saviourgate, York YO1 8NQ (GB).
- (21) International Application Number:
PCT/GB2004/002707
- (22) International Filing Date: 23 June 2004 (23.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0314624.8 23 June 2003 (23.06.2003) GB
- (71) Applicant (for all designated States except US): **ADVANCED BIONUTRITION (EUROPE) LIMITED** [GB/GB]; 15 Grafton Road, Worthing, West Sussex BN11 1QR (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CLAYTON, Diane** [GB/GB]; Advanced Bionutrition (Europe) Limited, 15 Grafton Road, Worthing, West Sussex BN11 1QR (GB). **RUTTER, Rebecca** [GB/GB]; Advanced Bionutrition (Europe) Limited, 15 Grafton Road, Worthing, West Sussex BN11 1QR (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— without international search report and to be republished upon receipt of that report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **INFLAMMATORY DISEASE TREATMENT**

(57) Abstract: We describe a composition comprising a source of long chain polyunsaturated fatty acid, for example, docosahexaenoic acid (DHA), and a carotenoid, for example, astaxanthin and other nutrients for prophylactic and/or therapeutic use in the healing of trauma- and stress-induced inflammatory conditions.

WO 2004/112776 A2